

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number  
**WO 2005/040330 A1**

(51) International Patent Classification<sup>7</sup>: **C12M 1/00**,  
B25J 21/02, B01L 1/02

(21) International Application Number:  
PCT/GB2004/004371

(22) International Filing Date: 14 October 2004 (14.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0324110.6 15 October 2003 (15.10.2003) GB

(71) Applicant (for all designated States except US): **BIO-TRACE INTERNATIONAL PLC** [GB/GB]; Mid Glamorgan Science Park, Bridgend CF31 3NA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **MURRAY, Fergus, Francis** [GB/GB]; 38 Lowash Avenue, Shipley BD18 1JJ (GB). **SKINN, Andrew** [GB/GB]; Faweather Grange, Sconce Lane, High Eldwick BD16 3BL (GB).

(74) Agent: **EVANS, Huw, David, Duncan**; Urquhart-Dykes & Lord LLP, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

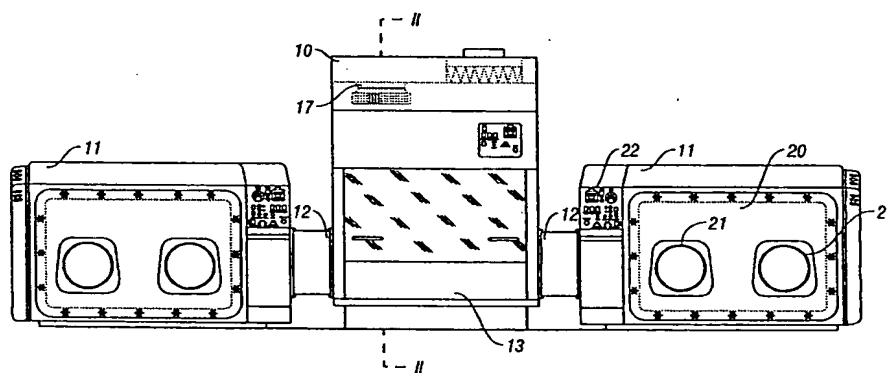
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **LABORATORY APPARATUS WITH TWO CABINETS**



(57) Abstract: A laboratory apparatus for use in IVF treatment of infertility comprises first (10) and second cabinets (11) interconnected by a passageway (12) and a closure for closing said passageway. The first cabinet has an open front wall (13) and is arranged to allow air to be circulated within the cabinet (10). The second cabinet (11) is substantially sealed to allow the temperature within the cabinet (11) and the level of at least one gas within the cabinet (11) to be controlled, and has a transparent front wall (20) to allow the contents therein to be inspected. The apparatus thus allows oocytes to be fertilised in the first cabinet (10) and then transferred to the stable controlled environment of the second cabinet (11) where the subsequent zygotes can be grown in a controlled environment, closely resembling body conditions.

WO 2005/040330 A1